



Advanced
Green Economy

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CASE STUDY 5 A SIDE SOCCER

Lighting Division Sport



5 A SIDE SOCCER FIELD

PREVIOUS: 8 Metal Halide flood lights of 1.000W each
with 1.265W effective consumption

REPLACED with: 14 flood lights IFI+TSX300 300W Induction
with 268W effective consumption



SCENARIO

CLIENT: Salaria Sport Club @ Salaria Sport Village, one of the largest and most famous Sport Centers of Rome, official Soccer School of AS ROMA Soccer Club.

REQUEST: New Lighting for the 5 a side soccer fields with no glare, good lighting and at the same time able to reduce the energy consumption and maintenance costs. The Soccer field had 8 Metal Halide Projectors (8x1000W), at 12m height, with a measured total energy consumption of about 10.120W. A solution not really economic in terms of energy consumption, performance and duration. As well with a very quick lumen depreciation.

RESULT: With only 14 flood lights AGE TSX300 and 3.756W total effective consumption, it is possible to satisfy the request of the customer, providing an excellent lighting, with a very good color rendering, with no glare for the players and an improved visual comfort. As well an energy reduction of about 62%, almost null maintenance cost, and immediate strike and re-strike with no flickering nor vibrations.



62%



90%



NO RISK



110.000 HOURS

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